VOICE LOGGER/RECORDER SYSTEM SPECIFICATIONS

The City of Virginia Beach 9-1-1/Emergency Communications Center (ECC) uses a Comverse DVL-1000 65-channel voice logger and playback system. The redundancy of the two decks in module 1 provide a fail-safe means of recording telephone operations. The second optical drive in module 1 is used to review and/or record master tapes for investigations.

Due to growth and technological advances, a digital system with advanced features, open architecture and increased capacity is being sought. Systems using conventional tape and VHS cassette tape formats are not desired. Listed below are the requirements of the new system. These requirements/specifications are broken down into four categories, Logging System, Playback Functions, Maintenance, and Pricing.

LOGGING SYSTEM - This unit shall produce a master copy of all E9-1-1 telephone calls, all other incoming/outgoing telephone calls and all radio transmissions that are processed by the Public Safety Answering Point/Emergency Communications Center. This unit shall have the following features:

1. The system shall interface with telephone sets for recording all E9-1-1 telephone calls and all other incoming and outgoing telephone calls that are processed by the Public Safety Answering Point/Emergency Communications Center.

2. The system shall interface with Motorola Central Electronics Bank's standard outputs (600 ohm) for recording VHF, UHF and 800 MHz radio frequencies. For future growth/expansion, the system should be capable of interfacing with Motorola Gold-Elite terminals.

3. The vendor shall verify power interface with General Services Building Maintenance Electrical Shop, 757-427-4561. The vendor shall provide an interface to the existing two hundred (200) kilowatt Emergency Power Source, International Power Machines 50 KVA UPS, to protect against p0ower variations. Voltage requirements are 120-125 VAC or 220-225 VAC at 50-60 Hz. The AC power requirements for the external coupler is 120 VAC, 12A

4. The system shall record and display date and time (24 hour).

5. The system shall be capable of time synchronization with existing Spectracom, Netclock 2, time synchronization system.

6. The system shall be capable of recording a minimum of 80 channels with redundant capability. The system shall have the capability of expansion to 120 channels.

7. The system shall be capable of performing the following minimum functions on each recording deck/module: STOP, RECORD, PLAY, SEARCH-FORWARD, SEARCH-BACKWARD, REWIND.

8. The system shall be capable of date and time searching for locating a specific spot on the recording media for playback on demand on all decks/modules.

9. The system shall have an audible and/or visual alarm system to alert supervisory personnel of channel/deck failures and of the need to change media. Since the recorder will be located in the ECC, the audible alarm shall be capable of being reset/shut-off until the condition is corrected.

10. The system shall provide sufficient media to archive a minimum of 270 days.

11. The system shall be capable of providing immediate call-check/playback functionality.

PLAYBACK FUNCTIONS - The playback unit shall be completely independent of the main Logging System. The Playback Unit will be used in investigations to review and/or record segments from the master copy. The Playback Unit shall have the following features:

1. The playback unit shall have the same power requirements as those specified for the main Logging System.

2. The playback unit shall display the date and time (24 hour) of the media being played back.

3. The playback unit shall be capable of date and time searching for locating a specific spot on the recording media.

4. The playback unit shall have the capability of advancing over blank media to the next recorded message/session.

5. The playback unit shall be capable of playing back and/or recording one or more channels simultaneously.

6. The playback unit shall have noise reduction capabilities to enhance the quality of reproductions.

7. The playback unit shall have an external headset jack for listening with earphones.

8. The playback unit shall have an external output jack for reproducing onto standard cassette tapes.

9. The playback unit shall have an external output jack for reproducing onto the existing Dictaphone, Model 3750, micro-cassette transcribing unit.

10. The playback unit ***shall not*** have the capability to record over or erase the original/master copy being played.

11. The playback unit shall be compatible with the minimum channel/track specifications listed in Item 6 under LOGGING SYSTEM.

12. The playback unit shall have network capability to provide remote users with playback capability to channels as set-up in system security. Remote users should have the capability to record/download sessions for playback and/or recording.

MAINTENANCE

1. After all equipment specified has been installed in the Virginia Beach Emergency Communications Center, placed in service, and is fully operational, the vendor shall guarantee the system for a period of 1 year.

2. The first years maintenance shall be included in the cost of he system.

3. The vendor shall be responsible for providing all training and manuals necessary. All training shall be conducted on site.

4. The location and telephone number of the local service office shall be provided by the vendor. Service technicians shall respond to service calls within 4 hours of the placement of such calls. Service shall be available 24hours a day, 7 days a week, 365 days a year.

5. The vendor shall provide a list of references of agencies using the system specified.

PRICING - Price quotes on the proposed voice logging system shall be listed as follows.

1.	Main Logging System	$
2.	Playback Unit	$
3.	Media	$
4.	First Year Maintenance	$
5.	Voice Logging System (Total 1, 2, 3, and 4)	$